

AMENDMENTS TO THE CLAIMS

1. - 69. (CANCELLED)

70. (CURRENTLY AMENDED) A networked health-monitoring system, comprising:

(i) a plurality of remote patient sites corresponding to a plurality of patients, each of the remote patient sites including  
5 (a) at least one display, (b) a data management unit configured to facilitate collection of patient health-relate data, (c) at least one memory and (d) stored program instructions for generating health-monitoring related information on the display;

10 (ii) at least one central server connectable for communication with the data management unit at each of the remote patient sites; and

15 (iii) at least one computer remotely located from the remote patient sites, remotely located from the central server and configured for signal communication with the central server, wherein the system is configured to allow (a) a healthcare professional to cause particular information related to a particular one ~~of~~ or more of the patients to be transmitted from the computer to the central server, (b) each of the remote patient sites to establish a respective communication link with the central 20 server, (c) the central server to send the particular information

to the remote patient sites of the particular patients in response to establishing the respective communication links, (d) the patients to interactively control a presentation of the particular information and (d) (e) the presentation of at least one message  
25 within the particular information on the displays of the particular patients in response to the interactive control.

71. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the message is selected from a set comprising an educational message, a motivational message, and one or more instructions.

72. - 75. (CANCELLED)

76. (CURRENTLY AMENDED) The system of claim 71, wherein the stored program instructions further enable displaying of pictorial one or more graphs generated from health related information.

77. (PREVIOUSLY PRESENTED) The system of claim 70, further comprising at least one monitoring device configured to

- a. monitor at least one patient health condition; and
- b. capture the patient health-related data including  
5 data related to the patient health condition as monitored.

78. - 109. (CANCELLED)

110. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the system is further configured to transmit the message to a specific patient of the particular patients.

111. (CURRENTLY AMENDED) The system of claim 110, wherein the system enables the specific patient to choose when to receive the message while a corresponding one of the patient sites is in a communications mode of a plurality of normal operational modes.

112. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the data management unit is physically separate from the display.

113. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the display is part of a video game device.

114. (CURRENTLY AMENDED) The system of claim 76, wherein the display system is capable of displaying the health related information within the graphs pictorial health related information.

115. (PREVIOUSLY PRESENTED) The system of claim 76, wherein the memory is a program cartridge.

116. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the system generates at least one first report based on the patient health-related data collected at the remote patient sites.

117. (PREVIOUSLY PRESENTED) The system of claim 116, wherein the first report is standardized and the system is further configured to allow the healthcare professional to select which of a plurality of standardized reports is generated.

118. (CURRENTLY AMENDED) The system of claim 116, wherein the system is further configured to ~~cause a presentation of present~~ at least one second report on the display at a particular one of the remote patient sites.

119. (PREVIOUSLY PRESENTED) The system of claim 116, wherein the computer receives the first report after the healthcare professional is identified as an authorized user by an authorization code.

120. (CURRENTLY AMENDED) The system of claim 70, wherein ~~the system is configured to allow the patients to the interactive~~

control of the presentation of the particular information received from the central server using utilizes at least one menu.

121. (CURRENTLY AMENDED) The system of claim 120, wherein the menu allows the patients to select ~~at least one operational mode from a set comprising:~~

(i) a display mode to present first relevant information   
5 on the display;

(ii) an input mode to enter second relevant information from the remote patient sites; and

(iii) a communications mode to establish the respective communication links ~~with~~ between the data management units and the central server.

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122. (CURRENTLY AMENDED) The system of claim 120 121, wherein the menu further allows the patients to select a monitoring mode in which a monitoring device is used (i) to monitor at least one patient health condition in at least one of the remote patient sites and (ii) to communicate data related to the patient health condition as monitored to the central server.

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123. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the patient health-related data includes user experienced symptoms.

124. (CANCELED)

125. (CANCELED)

126. (PREVIOUSLY PRESENTED) The system of claim 70, wherein the system is further configured to enable programs to be loaded from the central server into the memories and to be subsequently executed at the remote patient sites.

127. (CURRENTLY AMENDED) A method comprising:

at each of a plurality of remote patient sites corresponding to a plurality of patients, (a) facilitating collection of patient health-related data using a data management unit, (b) using program instructions stored in at least one memory to generate health-monitoring related information on at least one display, and (c) collecting the patient health-related data;

connecting at least one central server for communication with the data management unit at each of the remote patient sites;

10 connecting a computer remotely located from the remote patient sites, remotely located from the central server and in signal communication with the central server;

allowing a healthcare professional to cause particular information related to a particular one of or more of the patients  
15 to be transmitted from the computer to the central server;

allowing each of the remote patient sites to establish a respective communication link with the central server;

allowing the central server to send the particular information to the remote patient sites of the particular patients  
20 in response to establishing the respective communication links;

allowing the patients to interactively control a presentation of the particular information received from the central server; and

presenting at least one message within the particular information on the displays of the particular patients in response to the interactive control.

128. (PREVIOUSLY PRESENTED) The method of claim 127, wherein the message is selected from a set comprising a healthcare professional selected message, an educational message, a motivational message, and one or more instructions.

129. (PREVIOUSLY PRESENTED) The method of claim 128, wherein the message is transmitted to a specific patient of the particular patients.

130. (CURRENTLY AMENDED) The method of claim 129, wherein the message is transmitted from the central server when the specific patient chooses while a corresponding one of the patient

5        sites is in a communications mode of a plurality of normal operational modes.

131. (CURRENTLY AMENDED) The method of claim 127, further comprising:

5        using a monitoring device to monitor at least one patient health condition in at least at one of the remote patient sites in a monitor mode of a plurality of normal operational modes; and

communicating the patient health-related data including data related to the patient health condition as monitored to the central server while in the monitor mode.

132. (PREVIOUSLY PRESENTED) The method of claim 131 wherein, the data management unit facilitates collection of the patient health-related data by receiving data related to the patient health condition from at least one of the monitoring 5 devices.

133. (PREVIOUSLY PRESENTED) The method of claim 127, wherein the memory and the display form a part of at least one of the monitoring devices.

134. (PREVIOUSLY PRESENTED) The method of claim 127, wherein the display is a handheld device.

135. (PREVIOUSLY PRESENTED) The method of claim 134, wherein the memory is a program cartridge.

136. (CURRENTLY AMENDED) The method of claim 127, further comprising displaying ~~pictorial~~ one or more graphs generated from health-monitoring related information.

137. (PREVIOUSLY PRESENTED) The method of claim 127, further comprising generating at least one first report based on the patient health-related data collected at the remote patient sites.

138. (PREVIOUSLY PRESENTED) The method of claim 137, wherein the first report is standardized and the healthcare professional selects which of a plurality of standardized reports is produced.

139. (PREVIOUSLY PRESENTED) The method of claim 137, further comprising displaying at least one second report on the display in at least one of the remote patient sites.

140. (CURRENTLY AMENDED) The method of claim 137, further comprising displaying ~~at least one of~~ (i) statistical information and (ii) trend information.

141. (PREVIOUSLY PRESENTED) The method of claim 137, further comprising receiving the first report after transmitting an authorization code to the central server that identifies the healthcare professional as an authorized user.

142. (CURRENTLY AMENDED) The method of claim 137, ~~further comprising allowing the patients to wherein the interactive control of~~ the presentation of the particular information received from the central server ~~using utilizes~~ at least one menu.

143. (CURRENTLY AMENDED) The method of claim 142, wherein the menu allows the patients to select ~~at least one operational mode from a set comprising:~~

a display mode to present first relevant information on   
5 the display;

an input mode to enter second relevant information from the remote patient sites; and

a communications mode to establish the respective communication links ~~with between the data management units and the~~   
10 central server.

144. (CURRENTLY AMENDED) The method of claim 142, wherein the menu further allows the patients to select a monitoring mode in which a monitoring device is used (i) to monitor at least one

patient health condition in at least at one of the remote patient sites and (ii) to communicate data related to the patient health condition as monitored to the central server.

145. (PREVIOUSLY PRESENTED) The method of claim 127, wherein the patient health-related data includes user experienced symptoms.

146. (CANCELED)

147. (CANCELED)

148. (PREVIOUSLY PRESENTED) The method of claim 127, further comprising:

providing a program from the central server to the remote patient sites; and

5 storing the program into the memories for execution at the remote patient sites.

149. (CURRENTLY AMENDED) A networked health-monitoring system configured to collect and process patient health related data, the system comprising:

(i) a plurality of remote patient sites corresponding to 5 a plurality of patients, each of the remote patient sites including

(a) means for displaying information, (b) data management unit means for facilitating collection of the patient health related data, (c) memory means and (d) stored program means for generating health-monitoring related information on the means for displaying;

10 (ii) at least one central server means connectable for communication with the data management unit means at each of the remote patient sites;

15 (iii) means for allowing the patients to interactively control a presentation of at least one message received from the central server means; and

20 (iv) (iii) means for transmitting ~~at least one~~ the message related to a particular one ~~of~~ or more of the patients to the central server means, wherein (a) the data management unit means in each of the remote patient sites establish a respective communication link to the central server means, (b) the central server means sends the message to the remote patient sites of the particular patients in response to establishing the respective communication links and (c) the means for displaying ~~of the particular patients~~ presents the message in response to the interactive control.

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150. (CURRENTLY AMENDED) A networked monitoring system, comprising:

(i) a plurality of remote user sites corresponding to a plurality of first users, each of the remote user sites including

5 (a) at least one display, (b) a data management unit configured to facilitate collection of user-related data, (c) a memory, ~~and~~ (d) stored program instructions for generating information on the display ~~and~~ (e) a plurality of buttons, wherein each of the remote user sites has (1) a monitor mode in which the data management unit

10 monitors patient health-related data, (2) a display mode in which the patient health-related data is presented on the display, (3) an input mode in which patient data is manually entered via the buttons and (4) a communications mode in which a respective communications link is established to at least one central server;

15 (ii) ~~at least one~~ the central server connectable for communication with the data management unit at each of the remote user sites; and

(iii) at least one computer remotely located from the remote user sites, remotely located from the central server and

20 configured for signal communication with the central server, wherein the system is configured to allow (a) at least one material of educational material and motivational material related to a particular one or more of the first users to be sent from the computer to the central server, (b) establishment of ~~a~~ the respective communication link from each of the remote user sites to the central server, (c) transmission of the material from the

central server to the remote user sites of the particular first users in response to the establishment of the respective communication links, (d) a second user of the computer to cause the 30 user-related data to be transmitted from the central server to the computer, and (e) generation of at least one first report in the computer based on the user-related data collected at the remote user sites.

151. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the first report is standardized and the system is configured to allow the second user of the computer to select which of a plurality of standardized reports is produced.

152. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the system is further configured to cause a presentation of at least one second report to at least one of the first users in at least one of the remote user sites.

153. (PREVIOUSLY PRESENTED) The system of claim 152, wherein the second report includes at least one of (i) results of a test and (ii) information data for a period of time.

154. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the computer receives the first report after the second user is identified as an authorized user by an authorization code.

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155. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the system is further configured to allow a transmission of at least one message to at least one of the remote user sites of the particular users after establishing the respective communication links.

156. (PREVIOUSLY PRESENTED) The system of claim 155, wherein the system is further configured to transmit the message to a specific user of the particular users.

157. (CURRENTLY AMENDED) The system of claim 155, wherein the system communications mode enables the specific user to choose when to receive the message.

158. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the display is in a handheld device.

159. (CURRENTLY AMENDED) The system of claim 158, wherein the handheld device is capable of displaying pictorial one or more graphs generated from health related information.

160. (PREVIOUSLY PRESENTED) The system of claim 158,  
wherein the memory is a program cartridge.

161. (CURRENTLY AMENDED) The system of claim 150, wherein  
the system is configured to allow the first users to interactively  
control presentation of the particular information received from  
the central server using at least one menu.

162. (CURRENTLY AMENDED) The system of claim 161, wherein  
the menu allows the first users to select ~~at least one operational~~  
~~mode from a set comprising:~~

- i) ~~a~~ the display mode to present first relevant  
information on the display;
- ii) ~~an~~ the input mode to enter second relevant  
information from the remote user sites; and
- iii) ~~a~~ the communications mode to establish the  
respective communication links ~~with~~ between the data management  
units and the central server.

163. (PREVIOUSLY PRESENTED) The system of claim 150,  
wherein the system is further configured to enable programs to be  
loaded from the central server into the memories for execution at  
the remote user sites.

164. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the system further causes a presentation of instructions to the first users.

165. (CURRENTLY AMENDED) The system of claim 150, wherein the program instructions further enable a presentation of ~~a graphic representation based on one or more graphs generated from~~ at least a portion of an entry from the first users.

166. (PREVIOUSLY PRESENTED) The system of claim 150, wherein the user-related data includes quantitative measurements.

167. (CANCELED)

168. (CANCELED)

169. (PREVIOUSLY PRESENTED) The system of claim 154, wherein the second user of the computer is a healthcare professional.

170. (CURRENTLY AMENDED) A method comprising:  
at each of a plurality of remote user sites corresponding to a plurality of first users (a) facilitating collection of user-related data using a data management unit, (b) using program

5       instructions stored in a memory to generate monitoring-related  
information on at least one display, and (c) collecting the user-  
related data, wherein each of the remote user sites has (1) a  
monitor mode in which the data management unit monitors the user-  
related data, (2) a display mode in which the user-related data is  
10      presented on the display, (3) an input mode in which patient data  
is manually entered via a plurality of buttons and (4) a  
communications mode in which a respective communications link is  
established to at least one central server;

15                  connecting ~~at least one~~ the central server for  
communication with the data management unit at each of the remote  
user sites;

                connecting a computer remotely located from the remote  
user sites and remotely located from the central server in signal  
communication with the central server;

20                  allowing at least one material of (i) educational  
material and (ii) motivational material related to a particular one  
or more of the first users to be sent from the computer to the  
central server;

25                  establishing a respective communication link from each of  
the remote user sites to the central server;

                transmitting the material from the central server to the  
remote user sites of the particular first users in response to the  
establishment of the respective communication links;

allowing a second user of the computer to cause the user-related data to be transmitted from the central server to the computer; and

generating at least one first report in the computer based on the user-related data collected at the remote user sites.

171. (PREVIOUSLY PRESENTED) The method of claim 170, wherein the first report is standardized and the method further comprises:

allowing the second user of the computer to select which of a plurality of standardized reports is produced.

172. (PREVIOUSLY PRESENTED) The method of claim 170, further comprising:

causing the presentation of at least one second report to at least one of the first users in at least one of the remote user sites.

173. (PREVIOUSLY PRESENTED) The method of claim 172, wherein the second report includes at least one of results of a test, statistical information, and trend information.

174. (PREVIOUSLY PRESENTED) The method of claim 170, further comprising:

receiving the first report at the computer after the  
second user is identified as an authorized user by an authorization  
5 code.

175. (PREVIOUSLY PRESENTED) The method of claim 170,  
further comprising:

transmitting at least one message from the central server  
to at least one of the remote user sites of the particular users  
5 after establishing the respective communication links.

176. (PREVIOUSLY PRESENTED) The method of claim 175,  
wherein the message is transmitted to a specific user of the  
particular users.

177. (CURRENTLY AMENDED) The method of claim 175, wherein  
the specific user chooses when to receive the message while in the  
communications mode.

178. (PREVIOUSLY PRESENTED) The method of claim 170,  
wherein the display is in a handheld device.

179. (CURRENTLY AMENDED) The method of claim 178, wherein  
the handheld device is capable of displaying ~~pictorial information~~  
~~based on one or more graphs generated from~~ the user-related data.

180. (PREVIOUSLY PRESENTED) The method of claim 170,  
wherein the memory is a program cartridge.

181. (CURRENTLY AMENDED) The method of claim 170, further  
comprising:

allowing the first users to interactively control  
presentation of the particular information received from the  
5 central server using at least one menu.

182. (CURRENTLY AMENDED) The method of claim 181, wherein  
the menu allows the first users to select ~~at least one operational~~  
~~mode from a set comprising:~~

5        a the display mode to present first relevant information  
on the display;

      a the input mode to enter second relevant information  
from the remote user sites; and

10      a the communications mode to establish the respective  
communication links ~~with~~ between the data management units and the  
central server.

183. (PREVIOUSLY PRESENTED) The method of claim 170,  
further comprising:

enabling a program to be loaded from the central server  
for storage into the memories and subsequent execution at the  
5 remote user sites.

184. (CURRENTLY AMENDED) The method of claim 170, further comprising:

causing a presentation of one or more instructions to the first users.

185. (PREVIOUSLY PRESENTED) The method of claim 170, wherein the stored program instructions further enable a presentation of a graphic representation based on at least a portion of an entry from the first users.

186. (PREVIOUSLY PRESENTED) The method of claim 170, wherein the user-related data includes user experienced symptoms.

187. (CANCELED)

188. (CANCELED)

189. (PREVIOUSLY PRESENTED) The method of claim 170, wherein the second user of the computer is a healthcare professional.

190. - 242. (CANCELED)